

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	1949	703/2.ccls.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	2006/09/12 16:06
2	BRS	L2	1113	382/274.ccls.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	2006/09/12 16:06

	Comments	Error Definition	Errors
1			
2			



molecular species transmittances "Spectral Sc

[Search](#)

[Advanced Scholar Search](#)

[Scholar Preferences](#)

[Scholar Help](#)

Scholar Results 11 - 20 of 20 for molecular species transmittances "Spectral Sciences". (0.09 seconds)

[FLAASH and MODTRAN4: state-of-the-art atmospheric correction for hyperspectral data](#) [All articles](#) [Recent articles](#)

GP Anderson, B Pukall, CL Allred, LS Jeong, M Hoke ... - Aerospace Conference, 1999. Proceedings. 1999 IEEE, 1999 - ieeexplore.ieee.org

... optical depths, single scattering albedos, and transmittances. ... MODTRAN4 more accurately represents molecular absorption, the species column densities ...

[Web Search](#)

[MODTRAN 4: Multiple scattering and bi-directional reflectance distribution function\(BRDF\) upgrades ... - group of 6 »](#)

PK Acharya, A Berk, GP Anderson, NF Larsen, SC ... - Proceedings of SPIE- The International Society for Optical ..., 1999 - spectral.com

... to its ability to model molecular and aerosol ... temperature, pressure and atmospheric species concentrations; it ... MODTRAN4 and FASCODE transmittances are compared ...

[Cited by 5](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Intercomparison of shortwave radiative transfer codes and measurements - group of 9 »](#)

RN Halthore, D Crisp, SE Schwartz, GP Anderson, A ... - J. Geophys. Res, 2005 - ecd.bnl.gov

... 5. Spectral Sciences Inc., Burlington, MA ... of line-by-line molecular absorption and continuum absorption of all the important atmospheric species. ...

[Cited by 4](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[MODTRAN 3: Suitability as a Flux-Divergence Code](#)

GP Anderson, JH Chetwynd, J Wang, LA Hall, FX ... - Proc. of the 4th ARM Science Team Meeting, Charlestone, SC, 1994 - arm.gov

... 1. MODTRAN3 radiance contributions by species, including CFCs ... FASCODE transmittances for a horizontal path (15-m ... The HITRAN molecular database: Editions of 1991 ...

[Cited by 3](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[AIR FORCE RESEARCH LABORATORY Space Vehicles Directorate AIR FORCE MATERIEL COMMAND HANSCOM AFB, MA ...](#)

A Berk, GP Anderson, PK Acharya, ML Hoke, JH ... - dodsbir.net

... between MODTRAN and FASE spectral transmittances and radiances ... profiles for these species are stored in ... rerun the same atmosphere (with unchanged molecular ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

[INTERCOMPARISON OF SHORTWAVE RADIATIVE TRANSFER CODES AND MEASUREMENTS](#)

JG Res - ecd.bnl.gov

... 5 Spectral Sciences Inc., Burlington, MA 6 Laboratoire d'Optique ... of line-by-line molecular absorption and continuum absorption of all ... atmospheric species. ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Treatment of the layer temperature-gradient problem in band-model emission codes - group of 7 »](#)

LS Bernstein - Applied Optics, 1995 - OSA

... these cases the interval- average transmittances are expressed ... of growth for a single molecular absorption line ... based on an absorbing-species density-weighted ...

[Cited by 1](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

AIR FORCE RESEARCH LABORATORY Space Vehicles Directorate 29 Randolph Road AIR FORCE MATERIEL COMMAND ...

H Dothe, JW Duff, JH Gruninger, PK Acharya, A Berk ... - dodsbir.net

... SUPPLEMENTARY NOTES ***Spectral Sciences**, Inc., 99 South Bedford Street, Suite 7 ... the local density fluctuations of **molecular species** for each layer traversed by ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

AIR FORCE RESEARCH LABORATORY Space Vehicles Directorate AIR FORCE MATERIEL COMMAND HANSCOM AFB, MA ... - group of 5 »

MUS MANUAL - dirs.cis.rit.edu

... **Sciences**, Inc. ... profiles for temperature, pressure, and **molecular** gases: H ... MDEF = 1

Default O 2, NO, SO 2 , NO 2 , NH 3 , and HNO 3 **species** profiles. ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

An Intercomparison of Radiation Codes for Retrieving Upper-Tropospheric Humidity in the 6.3- μ m ... - group of 11 »

B Soden, S Tjemkes, J Schmetz, R Saunders, J Bates ... - Bull. Amer. Meteorol. Soc, 2000 - gfdl.gov

... In addition to water vapor, continuum absorption by **molecular** oxy- gen also has a non ... reduces it by 0.28 K. Thus the net contribution by both **species** is roughly ...

[Cited by 15](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)



Result Page: [Previous](#) [1](#) [2](#)

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2006 Google



molecular species transmittances "Spectral Sc

[Search](#)

[Advanced Scholar Search](#)

[Scholar Preferences](#)

[Scholar Help](#)

Scholar Results 11 - 20 of 20 for molecular species transmittances "Spectral Sciences". (0.09 seconds)

[FLAASH and MODTRAN4: state-of-the-art atmospheric correction for hyperspectral data](#) [All articles](#) [Recent articles](#)

GP Anderson, B Pukall, CL Allred, LS Jeong, M Hoke ... - Aerospace Conference, 1999. Proceedings. 1999 IEEE, 1999 - ieeexplore.ieee.org

... optical depths, single scattering albedos, and transmittances. ... MODTRAN4 more accurately represents molecular absorption, the species column densities ...

[Web Search](#)

[MODTRAN 4: Multiple scattering and bi-directional reflectance distribution function\(BRDF\) upgrades ... - group of 6 »](#)

PK Acharya, A Berk, GP Anderson, NF Larsen, SC ... - Proceedings of SPIE- The International Society for Optical ..., 1999 - spectral.com

... to its ability to model molecular and aerosol ... temperature, pressure and atmospheric species concentrations; it ... MODTRAN4 and FASCODE transmittances are compared ...

[Cited by 5](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Intercomparison of shortwave radiative transfer codes and measurements - group of 9 »](#)

RN Halthore, D Crisp, SE Schwartz, GP Anderson, A ... - J. Geophys. Res., 2005 - ecd.bnl.gov

... 5. Spectral Sciences Inc., Burlington, MA ... of line-by-line molecular absorption and continuum absorption of all the important atmospheric species. ...

[Cited by 4](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[MODTRAN 3: Suitability as a Flux-Divergence Code](#)

GP Anderson, JH Chetwynd, J Wang, LA Hall, FX ... - Proc. of the 4th ARM Science Team Meeting, Charlestone, SC, 1994 - arm.gov

... 1. MODTRAN3 radiance contributions by species, including CFCs ... FASCODE transmittances for a horizontal path (15-m ... The HITRAN molecular database: Editions of 1991 ...

[Cited by 3](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[AIR FORCE RESEARCH LABORATORY Space Vehicles Directorate AIR FORCE MATERIEL COMMAND HANSCOM AFB, MA ...](#)

A Berk, GP Anderson, PK Acharya, ML Hoke, JH ... - dodsbir.net

... between MODTRAN and FASE spectral transmittances and radiances ... profiles for these species are stored in ... rerun the same atmosphere (with unchanged molecular ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

[INTERCOMPARISON OF SHORTWAVE RADIATIVE TRANSFER CODES AND MEASUREMENTS](#)

JG Res - ecd.bnl.gov

... 5 Spectral Sciences Inc., Burlington, MA 6 Laboratoire d'Optique ... of line-by-line molecular absorption and continuum absorption of all ... atmospheric species. ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Treatment of the layer temperature-gradient problem in band-model emission codes - group of 7 »](#)

LS Bernstein - Applied Optics, 1995 - OSA

... these cases the interval- average transmittances are expressed ... of growth for a single molecular absorption line ... based on an absorbing-species density-weighted ...

[Cited by 1](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[AIR FORCE RESEARCH LABORATORY Space Vehicles Directorate 29 Randolph Road AIR FORCE MATERIEL COMMAND ...](#)

H Dothe, JW Duff, JH Gruninger, PK Acharya, A Berk ... - dodsbir.net

... SUPPLEMENTARY NOTES ***Spectral Sciences**, Inc., 99 South Bedford Street, Suite 7 ... the local density fluctuations of **molecular species** for each layer traversed by ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

[AIR FORCE RESEARCH LABORATORY Space Vehicles Directorate AIR FORCE MATERIEL COMMAND HANSCOM AFB, MA ... - group of 5 »](#)

MUS MANUAL - dirs.cis.rit.edu

... **Sciences**, Inc. ... profiles for temperature, pressure, and **molecular gases**: H ... MDEF = 1

Default O 2, NO, SO 2 , NO 2 , NH 3 , and HNO 3 **species** profiles. ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

[An Intercomparison of Radiation Codes for Retrieving Upper-Tropospheric Humidity in the 6.3- \$\mu\text{m}\$... - group of 11 »](#)

B Soden, S Tjemkes, J Schmetz, R Saunders, J Bates ... - Bull. Amer. Meteorol. Soc, 2000 - gfdl.gov

... In addition to water vapor, continuum absorption by **molecular oxy-gen** also has a non ... reduces it by 0.28 K. Thus the net contribution by both **species** is roughly ...

[Cited by 15](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)



Result Page: [Previous](#) [1](#) [2](#)

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2006 Google